SYNAVAX™ COATINGS AND LEED

LEED FOR SCHOOLS
NEW CONSTRUCTION & MAJOR RENOVATION

1 Sustainable Sites (SS) Credit 3: Brownfield Redevelopment = 1 point

LeadX™ - clear lead encapsulation coating offers an excellent solution to encapsulate lead-based paint contaminated buildings for remediation.

2 Energy & Atmosphere (EA) Credit 1: Optimize Energy Efficiency Performance = 2-10 pts

SYNAVAX™ OPTIONS:
Coat interior or exterior walls & ceilings with Energy Protect™ Coating.
Coat water heaters, boilers, ductwork, piping with Heat Shield™ Translucent PT.
Coat roof Crystal roof coating.

The coatings offer an easy, affordable way to upgrade a building’s energy efficiency by adding insulation in coating form to the walls, ceilings or roof of a building, or to the water heating system and piping. ISO standard testing for thermal performance of building assemblies shows that the coatings block 34.8% of thermal flow through a building assembly. Typical baselined field studies show increase in energy efficiency between 20%-40%, dependent upon application.

3 Materials and Resources (MR) Credit 1.1: Building Reuse - Maintain 75% of existing walls, floors & roof = 1 pt

Materials and Resources (MR) Credit 1.2: Building Reuse - Maintain 95% of existing walls, floors & roof = 1 pt, additional

Materials and Resources (MR) Credit 1.3: Building Reuse - Maintain 50% of interior non-structural elements = 1 pt

Use Synavax™ coatings to protect and lengthen lifespan of walls, pipes and roof. Energy Protect™ can be used to increase energy efficiency of daylighting windows, walls and ceilings and also provides a surface that is resistant to recurring mold or mildew growth. Crystal roof coating protects roof surfaces from UV and moisture, lengthening lifespan while also proving insulation. Heat Shield™ Translucent PT can be used on plumbing fixtures, pipes and similar surface to prevent corrosion and insulate.

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4 Indoor Environmental Quality (EQ) Credit 4: Low-Emitting Materials = 1 pt

Energy Protect™ thermal insulation and mold resistant coating has a low VOC, which qualifies under the low emitting materials requirement. It dries clear over a variety of surfaces, brick, pre-painted walls, drywall, concrete, wood, and more.

5 Indoor Environmental Quality (EA) Credit 8.1: Daylight and Views = 1-3 pts

Coat daylight windows and skylights with Energy Protect™. The coating allows through visible light, while reducing glare and increasing a window or skylight’s thermal resistance. It’s been tested to allow through 90-92% of visible light while reducing UV rays 80%. (as tested on pane glass)

6 Indoor Environmental Quality (EQ) Credit 10: Mold Prevention = 1 pt

Apply Energy Protect™ coating to surfaces to inhibit the growth of mold on walls, ceilings or other surfaces. The coating has been tested to ASTM G21 and D5590 and was shown to prevent growth of both new and existing molds without use of potentially harmful moldicides.